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University of California
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SENTINEL



Vol XII. July 2019

Summer's still heating up, and so are some important deadlines regarding energy research opportunities.

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[Falling Levels of Air Pollution Drove Decline in
California's Tule Fog](#)

[India Could Meet Air Quality Standards by
Cutting Household Fuel Use](#)

CIEE NEWS



ANNOUNCING REQUEST FOR QUALIFICATIONS (RFQ)

**California Public Utilities Commission
Deadline to Submit is 5 p.m. PDT, Friday, August 2, 2019**

Interconnection Dispute Resolution Technical Panel: Non-Utility Member

The California Institute for Energy and Environment (CIEE) is partnering with the Center for Law, Energy & Environment (CLEE) and the California Public Utilities Commission (CPUC) to develop and facilitate an expedited dispute resolution process for applications to interconnect distributed energy resources like rooftop solar, commercial batteries, and electric vehicle charging to the electric grid. CIEE and CLEE are now soliciting applications for qualified technical experts to serve on the expedited interconnection dispute resolution panel.

Instructions for Submission of RFQ Response:

Responses must be submitted via email as a single PDF file. The email address for submissions is Rule21@berkeley.edu.

The deadline for submissions is **5 p.m. Pacific Daylight Time on Friday, August 2, 2019**. Earlier submission is encouraged to avoid potential last-minute issues with transmittal.

Required information for consideration:

- Curriculum Vitae (CV) not to exceed two pages in length.
- Brief one-page statement of interest and relevant experience.
- Proposed hourly rate for services.
- Anticipated month-to-month general availability to potentially serve on panels through the end of calendar year 2020.

Access the full RFQ and list of qualifications [here](#) or contact Rule21@berkeley.edu with any inquiries.



Art Rosenfeld Award Recipient Chosen

We'd like to extend a huge congratulations to Leela Velautham for being chosen as this year's Art Rosenfeld Award Recipient!

Each year, the Art Rosenfeld Award for Energy Efficiency aims to promote innovative research in technologies and policies that will enable a more resource efficient society. To this end, the Rosenfeld Award provides funding to one graduate student committed to technical, social science or policy research that can lead to reductions in the use of energy.

As the recipient of the \$7,500 research prize, Leela plans on using the resources to perform research and outreach around the efforts the UC is making to hit our carbon neutrality goals. In particular, she aims to perform analytics on the metrics UC Berkeley's Sustainability team under Kira Stoll have collected regarding greenhouse gas emissions at UC Berkeley, and generate specific recommendations for strategies in which to improve those efforts.



2019 BECC Conference Discounted Registration Still Available

If you missed the Early Bird registration date for BECC reservation, it isn't too late to save money on registration! From now until October 25th, you still save \$100 off of standard registration fees.

For those who aren't familiar, the Behavior, Energy & Climate Change (BECC) Conference is the premier conference that brings together researchers, policymakers, utilities, and businesses focused on energy and behavior to advance knowledge and actionable climate solutions. This year's conference will be held from November 17th-20th, at the Hyatt Regency in Sacramento, California.

The theme of this year's conference is "Scaling Up". With many ecosystems at the brink of collapse, the need to mitigate climate change is more urgent than ever. BECC has been at the forefront of supporting behavioral research to address climate and energy issues for more than a decade. Now is the time to take these established principles and practices and scale them up. Scaling up means looking at the big picture, adapting small interventions for broad application, working with others, addressing policy, and generally taking climate action to the next level. In 2019, through regular and special sessions, we plan to showcase research, programs, organizations and people that help move toward a sustainable energy and climate future.

The discounted rate won't last forever, so if you're interested in joining us down in Sacramento, now is the time to [register!](#)

CIEE Researcher Publishes Paper on CA Carbon Cap-and-Trade Program

Barbara Haya, a research fellow at CIEE and UC Berkeley's Goldman School of Public Policy, recently published a [new paper](#) analyzing the California GHG emissions cap-and-trade scheme.

Based on her research, Haya argues that the California Air Resources Board may be overestimating the current level of emissions reductions achieved by the California cap-and-trade program. Haya attributes this overestimation to the forest offsets component of

the program, from which emissions polluters can buy emission offsets in place of permits or personal pollution reduction. In this case, it appears that when implementers measure the emissions reductions associated with preserving forestland, the measurement “discrepancy could be as much as 80 million tons of carbon dioxide since 2013, which is equivalent to more than the total annual emissions from California’s entire electricity sector.”

Inaccurate emissions reduction measurements could raise serious concerns for California’s current climate change mitigation strategies, since the state is often considered a world leader in regulating and reducing global warming pollution. Click [here](#) to learn more.

upcoming **EVENTS**



CITRIS Foundry First Review Period Begins

Headquartered on the fourth floor of Sutardja Dai Hall, the CITRIS Foundry provides entrepreneurs and innovators with targeted resources to translate their frontier science, research, and technology into impact. CITRIS Foundry members receive the following benefits:

- An on-campus innovation hub designed exclusively for academic and technical founders
- Expertise in solving unique hurdles for deep technology start-ups, small businesses, social enterprises, and technology transformation
- 6-month incubation with an optional additional 6 months
- Access to lab space and prototyping facilities – [CITRIS Invention Lab](#), [Marvell NanoLab](#), [QB3](#)
- Connection to an international network of partners, mentors, and advisors

The CITRIS Foundry is an incredible resource in transitioning cutting edge research into sustainable businesses that can make an impact, and we encourage anyone interested to [apply](#).



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